This workbook in library skills is designed to acquaint students with the facilities and resources of the North Dakota State University Library. Each chapter includes a brief discussion of the topic and a worksheet. The following topics are covered: (1) library tour; (2) the online catalog; (3) term and subject searches using the online catalog; (4) advanced use of the online catalog; (5) locating books; (6) how to check out books and other circulation procedures; (7) how to locate reserve readings; (8) reference room; (9) dictionaries; (10) encyclopedias; (11) almanacs; (12) biographies; (13) periodical indexes; (14) locating periodicals; (15) newspaper indexes and current events reference sources; (16) "Resources in Education" (RIE); and (17) interlibrary loan. (MES)
INTRODUCTION

This workbook in library skills is designed to acquaint you with the facilities and resources of the NDSU Library. The skills and knowledge acquired by completing this workbook will be useful throughout your academic career, in whatever library you may be working. When you have completed the workbook, you will know how to locate information on a subject, and how to use a variety of reference materials.

For each assignment, carefully read the information on the white pages and then turn to the worksheet. Locate the information asked for on the worksheet.

If you have any questions, the librarians at the Reference Desk are there to help you. Be sure to ask them for assistance.
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Begin this tour in the main floor lobby.

Welcome to the University Library. This tour has been designed to acquaint you with the Library's layout and services. Please remember that the Library is not just a building with a collection of materials; there are PEOPLE--Library staff who are here to assist you in locating the best materials for your needs.

The Library has three levels: lower level, main floor, and upper level. To begin the tour, you should be in the lobby by the entrance on the main floor. If you are not, go there.

The long counter in the lobby is the Circulation Desk. Here, materials are checked out and returned. Materials placed on reserve by an instructor are obtained at the Circulation Desk.

Face the stairway going down. To the left is a study area open 24 hours a day; this area is accessible through the outside door. Turn towards the long corridor. The computer terminals contain author, title, and subject information on the book and audiovisual collections of the Main Library and the resource centers in Architecture, Chemistry, and Pharmacy. The NDSU Library does not have a card catalog.

Across from the terminals to the left is the Interlibrary Loan Desk, when a book or periodical is not available in the Library's collection, it might be available from another library in the Fargo-Moorhead area. Materials not available in Fargo-Moorhead may be obtained from other North Dakota libraries or libraries in the region. Ask for request forms at the Interlibrary Loan Desk or at the Reference Desk.

Walk down the main hallway. Below the "Reference" sign is the Reference Desk. Reference librarians are here to assist you in using the Library. Do not hesitate to interrupt Library staff to ask for help.

Walk past the Reference Desk down the hallway to your left, past the photocopy room.

At the end of the hall is the Media Center. Here you will find records, sound/slide programs, audio and video tapes, and equipment on which to listen to or view these materials. The Media Center also contains production facilities and staff for transparencies, slides, and other instructional media.

Walk down the hallway across from the Media Center back to the lobby; you will pass the Multi-Purpose Room, Conference Room, and the administrative offices.
Go up the main staircase to the upper level.

In front of you are the Computer Cluster. These rooms contain personal computers and computer terminals for students' use. A variety of software is kept on reserve at the Circulation Desk (main level).

To your right is the beginning of the Library's book collection. The book collection is located on the upper level and is arranged by call number, beginning with A and continuing through Z.

Walk to your left, passing the Computer Cluster and book shelves. In the northwest corner of this level is the government publications collection. Go left again. Continue walking toward the planters and skylight. You will pass the oversize or "Folio" books and the individual study rooms. As you stand near the plants, you can see more of the book collection.

Whenever you are looking for a specific book or government publication for which you have a call number and are unable to locate it, ask at the Circulation Desk or pick up one of the red phones located throughout the Library. Someone at the Circulation Desk will answer and give you assistance. Remember that the book you want may be checked out, in which case you may recall it using the Online Catalog, or it may be on reserve.

Now go back to the main lobby where you began the tour.

You are again in the main lobby. Look for the stairs leading down to the lower level.

At the bottom of the stairs is the North Dakota Institute for Regional Studies. This room houses the archives of NDSU and historical materials on the Red River Valley and North Dakota.

To your right is the Library Gallery. Art and photography exhibits hung here are changed periodically.

Walk beyond the display cases to the microforms area. Microform materials and equipment are located here. If you need assistance, ask at the Periodicals/Microforms Desk near the microforms area.

Near the Periodicals/Microforms Desk are a photocopy room, typewriter rooms, and a change machine.

Directly ahead of you near the windows is the current periodicals reading area. This year's issues of periodicals are kept there.

Periodicals older than the current year occupy the remainder of the lower level. Also on this floor, in the far northwest corner, is the map collection. This collection includes the United States Geological Survey topographic maps and road and city maps.
Photocopiers are located on the main and lower levels; rest rooms are located on each floor. Small group study and conference rooms are located on the upper and lower levels.

This ends your self-guided tour of the Library.

As you are using the library, remember that people are an important part of the resources of this library. The staff is always ready to assist you—just ask.
TWO
ONLINE CATALOG

The Online Catalog is the computerized listing of books and audio-visual materials in the NDSU Library. The NDSU Library does not have a card catalog. Several terminals for accessing the Online Catalog are located on the main floor and upper level of the Library.

BASIC DIRECTIONS

To send messages to the computer, press the "New Line" key. To correct a typing error, press the "Back Space" key and retype. Spaces are essential after all commands and between words.

TO DISPLAY RESULTS

When the computer has searched for an item as you instructed it, you will get a message back telling how many records matched your instructions. To see the results, type DI (for display).

For example, if the computer tells you "1 RECORDS MATCHED THE SEARCH", type DI. The computer will display the record for that item on the screen and provide information such as author, title, call number, etc. If the computer tells you more than one record matched your search, type DI.

For example, if nine records matched the search, type DI. The computer will list the dates, titles, and authors for those items. Select the one you want and type DI NUMBER (for example, DI 3). You may list more than one number (for example, DI 2 4 7 9), and type NR (for "next record") to look at each record.

To determine if the book is on the shelves or is already checked out, type DS after each record display.

SEARCHING BY AUTHOR AND TITLE ("COMBINATION SEARCH")

When you know both the author and title of an item, the combination search is the best way to find out if the Library has the work.

To search by author/title combination:
1. Type: CO [Author's Last Name] [First Title Word] (leave off "a", "an", or "the" at the beginning of the title)
2. Press the "New Line" key

For example, to search for The Solar System and Back by Isaac Asimov, type CO ASIMOV SOLAR
SEARCHING BY TITLE

To find out if the Library has an item when you know only the title:

1. Type:  **TI  [Title of Book]** (Leave off "a", "an", or "the" at the beginning of the title)
2. Press the "New Line" key

For example, to search for the title *The Measure of the Universe*, type:  **TI MEASURE OF THE UNIVERSE**
SEARCHING BY AUTHOR

To obtain a list of items that our library has by an author:

1. **Type:** AU [Last Name] [First Name] [Middle Initial] (if you know only part of the name, enter as much as you know)

2. **Press the "New Line" key**

For example, to search for the author Isaac Asimov, type: AU ASIMOV ISAAC

--- Type DI 1-20 to Display first 20 records

<table>
<thead>
<tr>
<th>Screen 001 of 005</th>
<th>Catalog TRN</th>
</tr>
</thead>
<tbody>
<tr>
<td>NMBR</td>
<td>DATE</td>
</tr>
<tr>
<td>0001 1978</td>
<td>100 great science fiction short stories</td>
</tr>
<tr>
<td>0002 1980</td>
<td>The annotated Gulliver's travels : Gulliver</td>
</tr>
<tr>
<td>0004 1972</td>
<td>Asimov's biographical encyclopedia of science</td>
</tr>
<tr>
<td>0005 1968</td>
<td>Asimov's guide to the Bible.</td>
</tr>
<tr>
<td>0006 1964</td>
<td>Asimov's biographical encyclopedia of science</td>
</tr>
<tr>
<td>0007 1974</td>
<td>Asimov on chemistry.</td>
</tr>
<tr>
<td>0008 1976</td>
<td>Asimov on physics.</td>
</tr>
<tr>
<td>0009 1977</td>
<td>Asimov on numbers.</td>
</tr>
<tr>
<td>0010 1968</td>
<td>Asimov's mysteries.</td>
</tr>
<tr>
<td>0011 1981</td>
<td>Asimov on science fiction.</td>
</tr>
<tr>
<td>0012 1984</td>
<td>Asimov's New guide to science.</td>
</tr>
<tr>
<td>0014 1981</td>
<td>Change! : seventy-one glimpses of the future</td>
</tr>
<tr>
<td>0015 1977</td>
<td>The collapsing universe.</td>
</tr>
<tr>
<td>0016 1972</td>
<td>The early Asimov; or, Eleven years of trying</td>
</tr>
<tr>
<td>0017 1982</td>
<td>Exploring the earth and the cosmos : I the pro</td>
</tr>
<tr>
<td>0018 1979</td>
<td>Extraterrestrial civilizations.</td>
</tr>
<tr>
<td>0019 1975</td>
<td>Eyes on the universe : a history of the tale</td>
</tr>
</tbody>
</table>

--- Type DI NMBR(s) to Display specific records / DI to continue thru the list

--- Type DS to Display item availability Status

--- Type NR to display Next Record in list
Search the Online Catalog for the book AN APPLE FOR THE TEACHER by George H. Culp. Fill in the following information:

Type of search used (CO, AU, TI):

What did you type?

Call Number [LOCTN]:

Author:

Title:

Place of publication and publisher:

Date:

Was the book checked out? (type DS)
THREE
TERM AND SUBJECT SEARCHES
USING THE ONLINE CATALOG

SEARCHING BY TERMS

Searching by "term" means that the computer searches the title, subject, series, alternate title, notes, or corporate author for specific words supplied by you. You may instruct the computer to search for a single word or for several words.

If you want to do a single-term search:
1. Type: TB [Word You Have Chosen]
2. Press the "New Line" key

For example, if you are interested in "football" type TB FOOTBALL.

If you wish to do a multiple-term search (using two or more words):
1. Type: TB [Word] [Word] [Word] [Word]
2. Press the "New Line" key

)TB BIRD: NORTH DAKOTA

668 RECORD MATCHES AFTER TERM BIRDS
183 RECORD MATCHES AFTER TERM NORTH
24 RECORDS MATCHED THE SEARCH
———Type DI 1-20 to Display first 20 records

)DI

Screen 001 of 002

NMBR DATE TITLE
0001 1956 An annotated bibliography of North Dakota orn
0002 1953 Birds of the Theodore Roosevelt National Memo
0003 1975 Breeding birds of North Dakota / Stewart, Robert E.
0004 1983 Breeding bird populations in nine selected sh
0005 1986 Breeding biology of yellow-billed loons on th
0006 1985 Effects of weather on breeding ducks in North
0007 1985 Effects of specialized grazing systems on upl
0008 1983 Evaluation of sharp-tailed grouse, ring-necke
0009 1981 Factors affecting diversity of selected avian
0010 1984 Farmers from the prairie : a brief history
0011 1972 Feeding ecology of the pintail (Anas acuta) i
0012 1981 Habitat use by birds during spring migration
0013 1971 Injection studies of cortical and medullary o
0014 1917 List of North Dakota birds found in the Big C
0015 1950 A migration list from Fargo, North Dakota, 19
0016 1957 Morphological studies of the air sacs of the
0017 1970 North Dakota sparrow pairs /
0018 1952 A provisional checklist of birds of North Dak
0019 1982 Recent habitat selection by sandhill cranes in
0020 1981 A study of the teratogenic effect of abnormal

———Type DI NMBR(s) to Display specific records / DI to continue thru the list

)DI 3

Screen 001 of 001 Record 0003 of 0008 TRN

LCTN: GLESA, ND 873
LCTN: INST. RL. GLESA, ND 873
AUTH: Stewart, Robert E.
TITLE: Breeding birds of North Dakota / by Robert E. Stewart.
DECR: 295 p. (101 col. leaves of plates) : ill. ; 29 cm.
SUBJ: Birds—Eggs and nests.
SUBJ: Birds—Reproduction.
SUBJ: Birds—North Dakota.
——Type DI to Display item availability Status

BEST COPY AVAILABLE
SEARCHING BY SUBJECTS

It is often difficult to determine what word or phrase to look for when searching for materials on a given subject in the Online Catalog. In order to establish uniformity in the wording of subjects, the NDSU Library uses the Library of Congress Subject Headings, a two-volume set of large red books kept on a shelf against the west wall of the main corridor (near the computer terminals).

Before conducting a subject search using the Online Catalog, you should consult Library of Congress Subject Headings for the correct subject.

To get a list of items we have in our library on a subject:
1. Type: SU [Subject For Your Topic] #
2. Press the "New Line" key

For example, to search for information on the topic "learning disabilities", type SU LEARNING DISABILITIES #. (Always type the "#" sign after your subject for the best results.)

Valid subjects may also be obtained by looking at the SUBJ (subject) fields listed at the end of Online Catalog records.

SU LEARNING DISABILITIES #

63 RECORDS MATCHED THE SEARCH
--- Type DI 1-20 to Display first 20 records

<table>
<thead>
<tr>
<th>Catalog TRN</th>
<th>MBRN DATE</th>
<th>TITLE</th>
<th>AUTHOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>0001 1977</td>
<td>Arithmetic and learning disabilities : guide</td>
<td>Johnson, Stanley W., Cummins, Jim, Biller, Ernest F.</td>
<td></td>
</tr>
<tr>
<td>0003 1967</td>
<td>Career decision making for adolescents and young adults</td>
<td>Chicorel, Marietta.</td>
<td></td>
</tr>
<tr>
<td>0007 1976</td>
<td>Central auditory processing disorders : prob of central auditory dysfunction / Chicorel, Marietta.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0005 1975</td>
<td>Chicorel index to learning disorders : books / Chicorel, Marietta.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0006 1974</td>
<td>Chicorel index to reading disabilities : an index to Chicorel's index to learning disorders books / Chicorel, Marietta.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0008 1975</td>
<td>Chicorel abstracts to reading and learning disabilities</td>
<td>Chicorel, Marietta.</td>
<td></td>
</tr>
<tr>
<td>0009 1971</td>
<td>Childhood learning, behavior, and the family</td>
<td>Lerner, Janet W.</td>
<td></td>
</tr>
<tr>
<td>0010 1973</td>
<td>Childhood learning, behavior, and the family</td>
<td>Taubert, Louise C.</td>
<td></td>
</tr>
<tr>
<td>0012 1961</td>
<td>A cognitive approach to learning disabilities</td>
<td>Reid, D. Kim.</td>
<td></td>
</tr>
<tr>
<td>0013 1961</td>
<td>Cross-age and peer tutoring : help for child</td>
<td>Jenkins, Joseph R.</td>
<td></td>
</tr>
<tr>
<td>0015 1978</td>
<td>Education and the brain / Chicorel, Marietta.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0016 1976</td>
<td>An examination of the utility and validity of</td>
<td>Badham, Walter A.</td>
<td></td>
</tr>
<tr>
<td>0017 1961</td>
<td>Handbook of special education / Chicorel, Marietta.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0018 1972</td>
<td>The hidden handicap : helping the marginally learning disabled from infancy to young adulthood / Judith Ehre Krans.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0019 1975</td>
<td>Identifying early learning gap symbols / Chicorel, Marietta.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0020 1978</td>
<td>Identification of specific learning disabilities / Ohlson, E. Lahr.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

--- Type DI 18 to Display specific records / DI to continue thru the list

DI 18 14 4 20

Screen 001 of 004 Record 0018 of 0063 TRN

Catalog TRN

LOCTN: LC4704 .K7
AUTHOR: Krans, Judith Ehre.
TITLE: The hidden handicap : helping the marginally learning disabled from infancy to young adulthood / Judith Ehre Krans.
DESER: 265 p. : ill. ; 22 cm.
SUBJ: Learning disabilities.
--- Type DI to Display item availability Status
--- Type NS to display Next Record in list
**SUBJECT TERM SEARCHING**

Terms from valid subjects may be searched. To conduct a Subject Term search:

1. **Type**: ST [Subject Term]
2. **Press the "New Line" key**

For example, to search for materials with subjects that include the term "disabilities", type ST DISABILITIES. The computer will only search the SUBJ lines of the records.

<table>
<thead>
<tr>
<th>ST DISABILITIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>70 RECORDS MATCHED THE SEARCH</td>
</tr>
<tr>
<td>----Type DI 1-20 to Display first 20 records</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screen 001 of 004</th>
<th>Catalog TRN</th>
</tr>
</thead>
<tbody>
<tr>
<td>NMRR DATE</td>
<td>TITLE</td>
</tr>
<tr>
<td>0001 1979</td>
<td>Arithmetic and learning disabilities: a guide</td>
</tr>
<tr>
<td>0002 1983</td>
<td>Bilingualism and special education: issues</td>
</tr>
<tr>
<td>0003 1983</td>
<td>Central auditory processing disorders: prob</td>
</tr>
<tr>
<td>0004 1975</td>
<td>Chicorel index to learning disorders—books</td>
</tr>
<tr>
<td>0005 1974</td>
<td>Chicorel index to reading disabilities: an</td>
</tr>
<tr>
<td>0006 1975</td>
<td>Chicorel index to reading and learning disab</td>
</tr>
<tr>
<td>0007 1975</td>
<td>Chicorel abstracts to reading and learning dis</td>
</tr>
<tr>
<td>0008 1971</td>
<td>Children with learning disabilities: theorie</td>
</tr>
<tr>
<td>0009 1972</td>
<td>Childhood learning: behavior, and the family</td>
</tr>
<tr>
<td>0010 1976</td>
<td>Children with learning disabilities: theorie</td>
</tr>
<tr>
<td>0011 1985</td>
<td>The clinical teaching model: clinical imag</td>
</tr>
<tr>
<td>0012 1981</td>
<td>A cognitive approach to learning disabilities</td>
</tr>
<tr>
<td>0013 1981</td>
<td>Cross age and peer tutoring: help for child</td>
</tr>
<tr>
<td>0014 1976</td>
<td>Developmental and learning disabilities: ev</td>
</tr>
<tr>
<td>0015 1977</td>
<td>Developmental disabilities abstracts</td>
</tr>
<tr>
<td>0016 1985</td>
<td>Early identification of children at risk: a</td>
</tr>
<tr>
<td>0017 1978</td>
<td>Education and the brain</td>
</tr>
<tr>
<td>0018 1976</td>
<td>An examination of the utility and validity of</td>
</tr>
<tr>
<td>0019 1974</td>
<td>Handbook on learning disabilities: a prognos</td>
</tr>
<tr>
<td>0020 1981</td>
<td>Handbook of special education</td>
</tr>
</tbody>
</table>

----Type DI NMRR(s) to Display specific records / DI to continue thru the list
Using relevant subject headings and/or terms, look in the Online Catalog for books on an education topic of your choice. Supply the following information for three books.

1. Search used:

   Call Number:
   Author:
   Title:
   Date:

2. Search used:

   Call Number:
   Author:
   Title:
   Date:

3. Search used:

   Call Number:
   Author:
   Title:
   Date:
The Online Catalog has features to limit the scope of your search and to locate materials in other libraries. The Minnesota State Universities and Concordia College are part of the Online Catalog database, as are many Minnesota community college libraries and the Legislative Reference Library. The University of Minnesota is not included.

SEARCHING MOORHEAD STATE UNIVERSITY OR CONCORDIA COLLEGE

To find out if Moorhead State University or Concordia College has an item, insert "TRW" (for MSU) or "TRC" (for CC) after a search command (CO, TI, AU, TE, or SU).

For example, to search for Isaac Asimov's Only a Trillion at MSU, type: CO TRW ASIMOV ONLY. You may search all three Tri- College libraries by inserting "TR" after a search command.

SEARCHING OTHER LIBRARIES IN THE SYSTEM

Any of the individual libraries included in the Online Catalog system may be searched by inserting the location code of the library after a search command.

SUS = State University System
BSU = Bemidji State University
LRL = Legislative Reference Library (Minnesota)
MSU = Mankato State University
SCS = St. Cloud State University
SSU = Southwest State University
WSU = Winona State University
SYS = entire system (includes Minnesota community colleges; for a complete listing, type HELP SY)
LIMITING YOUR SEARCH

You may limit the results of your search in several ways: by date, by format (film, disk, video, etc.), or by language. To use the limit feature, you must first form a set of records by doing a search as described in Chapters Two and Three. When the computer gives you the message \texttt{RECORDS MATCHED THE SEARCH}, on the next line, type in your limit command (a complete list is given on the yellow card posted on each terminal).

For example, if you want only materials published since 1980, type \texttt{GT 1980} after the records matched message. You will then get a new records matched message giving you the number of records for materials published since 1980.

You may also limit your search by typing in additional terms.

USING TRUNCATION

Truncation allows you to have the computer search variations on a basic word by typing in the beginning of a word and replacing the end with \\#.

For example, to search the terms ELECTRIC, ELECTRICAL, ELECTRICITY, and any other variations of the word ELECTRIC, type \texttt{TE ELECTRIC\#}. The computer will then give you the total records matching the various words beginning with ELECTRIC. (When using truncation, you should use root words having at least four letters.)

\texttt{TE ELECTRIC}\# 
\texttt{156 RECORDSMatched THE SEARCH} 
\texttt{(or)} 
\texttt{Type DI 1-20 to Display first 20 records} 
\texttt{Use AND command with additional WORD(s) or LIMITING command to reduce results}

\texttt{TE ELECTRIC\%} 
\texttt{1585 RECORDS MATCHED THE SEARCH} 
\texttt{(or)} 
\texttt{Type DI 1-20 to Display first 20 records} 
\texttt{Use AND command with additional WORD(s) or LIMITING command to reduce results}

\texttt{AND MOTOR}\% 
\texttt{62 RECORDS MATCHED THE SEARCH} 
\texttt{(or)} 
\texttt{Type DI 1-20 to Display first 20 records}

You may also use truncation to search words which vary inside the word by replacing the letters that vary with \?. For example, to search WOMEN or WOMAN, type \texttt{TE WOM?N}. You will then retrieve records with either form of the word.
BROWSING

Browsing allows you to scan a list of titles, authors, subjects, call numbers, or terms to locate a correct form or spelling. To use the browse feature, type BR [Search Code] [Item to Search].

For example, to see a list of all authors named Michael Miller, type BR AU MILLER MICHAEL. Follow the instructions at the bottom of the browse list to continue.

Instructions for doing more complex searching are posted near the terminals, or ask a librarian at the Reference desk for assistance. You may also type HELP to get a list of the online help screens.
Try the following searches on the Online Catalog. Write in the number of matches for each command.

1. TE COMPUTERS
   
   20 RECORDS MATCHED THE SEARCH
   
   TE COMPUT$ RECORDS MATCHED THE SEARCH
   
   AND EDUCATION RECORDS MATCHED THE SEARCH
   
   GT 1985 RECORDS MATCHED THE SEARCH

2. TE TRI COMPUTERS
   
   21 RECORDS MATCHED THE SEARCH
   
   TE TRI COMPUT$ RECORDS MATCHED THE SEARCH
   
   AND EDUCATION RECORDS MATCHED THE SEARCH
   
   GT 1985 RECORDS MATCHED THE SEARCH
LOCATING BOOKS

All library books are shelved on the upper levels, except books located in areas such as Reference or one of the Resource Centers, or books placed temporarily on reserve behind the Circulation counter.

HOW TO LOCATE A BOOK ON THE SHELVES

Library books are shelved by call numbers, which group the books according to subject. A map of call number locations for the main Library is on the wall near the Online Catalog terminals.

First, locate the first letter of the call number (H, for example). Then look for the second letter, if there is one. H comes before HA, and HM comes after BJ and before HX. Then look for the number which is the second portion of the call number. The third portion of the call number will usually start with a letter (HM 23 S for example) which will be followed by one or more numbers. These numbers should be read as though there were a decimal point before the number. Thus HM 23 S56 will be shelved before HM 23 S8 because .56 is smaller than .8. Additional lines may sometimes be used.

SPECIAL LOCATIONS

Some call numbers will begin with a line indicating a special location. These locations are:

Arch. Architecture Resource Center
Chem. Chemistry Resource Center
Folio Oversize
Inst.Rm. Institute for Regional Studies
Pharm. Pharmacy Resource Center
Ref. Reference

RESOURCE CENTERS

The Library maintains three Resource Centers (branch libraries) in the fields of Pharmacy, Chemistry, and Architecture. Although the Resource Centers contain materials of specific interest to these subjects, their materials are listed in the Online Catalog.

Materials in the Resource Centers may be used by anyone who has a need for them, and they may be checked out to anyone who has a
current Library ID.

The Resource Centers are located in the following buildings:

Architecture 101
Chemistry Ladd Hall 209
Pharmacy Sudro Hall 135

Ask at the Reference Desk for directions to the Resource Centers.
Locate one of the books you found listed in the Online Catalog for one of the earlier worksheets. Give the following information:

Title:

Call Number:

Where the Book is Located (Second Floor, Reference, etc.):

Was the Book on the Shelf?
CHECKING OUT BOOKS

To check out a book, take it to the Circulation Desk with your Library (barcode) ID. The person at the Circulation Desk will "wand" your book and Library ID with a light pen and the computer will check out the book to you. The date the book is due will be stamped inside.

OBTAINING INFORMATION ABOUT AVAILABILITY OF LIBRARY MATERIAL

Display the record for the item desired and then use the DS command to display the circulation status of the item.

For example,

Type: DI 1 (to display the record of the item desired)

Type: DS (to display the status of the item)

PASSWORD

Your password is your last name.

PLACING A HOLD ON CURRENTLY CHECKED OUT LIBRARY MATERIAL

Display the status of the item by using the DS command. If the item is checked out, any holds already in place will be indicated. To place a hold, use the HLD command. The item will be recalled, and you will be contacted when it is available. There will be a several-day delay while the item is recalled.

For example, HLD [Your Barcode Number] [Your Password]

Type: HLD 20109000099999 SMITH

To hold one volume of a multi-volume set,

Type: HLD 20109000099999 SMITH [Item Barcode]

To remove a hold, use the RHL command:

RHL [Your Barcode Number] [Your Password] [Item Barcode]

Type: RHL 20109000099999 SMITH 30109000343692
OBTAINING INFORMATION ABOUT LIBRARY MATERIAL YOU HAVE CHECKED OUT

Use the DPD command to get a list of what you have checked out, what you have overdue, what fines you owe, and what holds you have placed, and what is on order for you at Interlibrary Loan.

For example, DPD [Your Barcode Number] [Your Password]

Type: DPD 20109000099999 SMITH

DISPLAYING A SUMMARY OF YOUR LIBRARY ACTIVITY

Use the DPS command to display a summary of your library activity as well as the permanent and local addresses the Library has for you. If you have a change of address, please report it to the Circulation Desk.

For example, DPS [Your Barcode Number] [Your Password]

Type: DPS 20109000099999 SMITH

For online assistance with the circulation procedures, type HELP CI. Help explanations are available for most circulation commands. You may also ask at the Reference Desk or Circulation Desk for assistance.

HOW TO RETURN A BOOK

Return books to the book return slot at the Circulation counter when the Library is open. After the Library is closed, you may use the book return chute at the entrance. Orange book returns are located elsewhere on campus.
WORKSHEET SIX
HOW TO CHECK OUT BOOKS
AND DO OTHER CIRCULATION PROCEDURES

Check your Circulation records in the Online Catalog. Go to any available terminal. (You will need your Library ID for this worksheet.)

Type DPS followed by your barcode number and last name. What was your response from the computer?

Type DPD followed by your barcode number and last name. What was your response from the computer for this command?
Instructors may place items on reserve when a short loan period is desired for these materials. They may be Library materials or an instructor's personal materials. Books and readings placed on reserve by your instructors are kept behind the Circulation/Reserve Desk in the Main Library. Resource Centers in Chemistry, Architecture, and Pharmacy also have reserve collections. These materials are listed in the Online Catalog.

This is the procedure for checking out reserve items:

Use an Online Catalog terminal with the command RES and any of the following:

- Course Number (Example: 464)
- Course Name (Example: Keats and Shelley)
- Instructor's Name (Example: O'Connor)
- Department (Example: English)
- Author (Example: Wasserman)
- Title (Example: Shelley: A Critical Reading)

For example, to see what Dr. O'Connor has on reserve, type RES O'CONNOR. Type DI to list the reserve items, then type DS to display the availability status. It is not possible to place holds on reserve materials.

RES O'CONNOR

19 RECORDS MATCHED THE SEARCH
TYPE OI 1-19 TO DISPLAY THE RECORDS

OI

Screen 001 of 001

NMBR TITLE COURSE INSTRUCTOR

0001 Shelley: a critical reading ENGL 464 KEATS AND SHELLY O'Connor, R.
0002 Percy Bysshe Shelley ENGL 464 KEATS AND SHELLY O'Connor, R.
0003 The letters of John Keats, 1814 ENGL 464 KEATS AND SHELLY O'Connor, R.
0004 John Keats ENGL 464 KEATS AND SHELLY O'Connor, R.
0005 Shelley's Poetry and prose: a study ENGL 464 KEATS AND SHELLY O'Connor, R.
0006 John Keats ENGL 464 KEATS AND SHELLY O'Connor, R.
0007 The evolution of Keats's poetry ENGL 464 KEATS AND SHELLY O'Connor, R.
0008 John Keats ENGL 464 KEATS AND SHELLY O'Connor, R.
0009 The evolution of Keats's poetry ENGL 464 KEATS AND SHELLY O'Connor, R.
0010 The poems of John Keats ENGL 464 KEATS AND SHELLY O'Connor, R.
0011 The letters of John Keats, 1814 ENGL 464 KEATS AND SHELLY O'Connor, R.
0012 John Keats: the living year, 21 ENGL 464 KEATS AND SHELLY O'Connor, R.
0013 The mask of Keats: a study of ENGL 464 KEATS AND SHELLY O'Connor, R.
0014 The Keats circle: letters and ENGL 464 KEATS AND SHELLY O'Connor, R.
0015 The Keats circle: letters and ENGL 464 KEATS AND SHELLY O'Connor, R.
0016 John Keats: the making of a poet ENGL 464 KEATS AND SHELLY O'Connor, R.
0017 Shelley ENGL 464 KEATS AND SHELLY O'Connor, R.
0018 Shelley ENGL 464 KEATS AND SHELLY O'Connor, R.
0019 Shelley's annus mirabilis: th ENGL 464 KEATS AND SHELLY O'Connor, R.

Type OI NMBR(s) to Display specific records

OI 3
Copy the Reserve ID and take it to the Circulation/Reserves Desk to obtain the item. The Reserve ID will usually consist of the instructor's last name and a 1- or 2-digit number. (The computer will shorten names to seven characters, but please use the instructor's full name when asking for the item.)

You will need your Library ID to check out reserve items. Remember to return items promptly, as the computer will calculate overdue fines and generate bills.
WORKSHEET SEVEN
HOW TO LOCATE RESERVE READINGS

Check the Online Catalog for what items are on Reserve for English classes. Provide the following information.

What did you type into the Online Catalog?

How many records matched the search?
The Reference Room is the information center of the Library. Reference librarians can help you locate materials for your research—whether in the Reference Room, the entire Library, or outside the Library. When you need assistance in using the Library or in locating information, ask the librarians at the Reference Desk.

The reference collection includes materials such as dictionaries, encyclopedias, handbooks, almanacs, directories, and other "quick reference" books. The reference collection also includes telephone books from cities throughout the country, college catalogs from hundreds of colleges, occupational materials, travel brochures, standards, and annual reports of companies.

The reference collection contains indexes and abstracts. These are subject and author lists of articles contained in journals and selected other materials. Indexes and abstracts enable you to quickly find articles on a subject or by an author.

Collections of short biographical material are also kept in the Reference Room.

The Reference Room is divided into three main sections: reference books, indexes and abstracts, and biographies. See the Reference Room map on the next page for the locations of reference materials. "Ref." above the call number indicates the book is in the reference book section (Shelving Sections 124 through 135). "Ref. Index/Abstr." designates the index and abstract section (Shelving Sections 106 through 120). "Ref. Biog." designates the reference biography section (Shelving Sections 122 through 124). Miscellaneous materials such as telephone directories, corporate annual reports, and college catalogs are shelved on Shelving Sections 121 through 122.
## REFERENCE ROOM MAP

Shelving Sections 106-120: Ref. Index/Abstracts
Shelving Section 121: Telephone Books
Shelving Section 122: College Catalogs & Miscellaneous
Shelving Sections 122-124: Ref. Biography
Shelving Sections 124-135: Reference Books

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<tr>
<th>Reference Number</th>
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<tr>
<td>Ref. 135</td>
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</tr>
<tr>
<td>Ref. 134</td>
<td>Shelving Section 121: Telephone Books</td>
</tr>
<tr>
<td>Ref. 133</td>
<td>Shelving Section 122: College Catalogs &amp; Miscellaneous</td>
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<td>Ref. 132</td>
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<tr>
<td>Phone 121</td>
<td>Shelving Sections 124-135: Reference Books</td>
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</tbody>
</table>

**Reference Desk**
WORKSHEET EIGHT
REFERENCE ROOM

1. Go into the Reference Room and locate the set of books with the call number Ref.
   
   E
   173
   A793
   Be sure you are looking in the reference books section of the room. (See the map on the facing page.)

   The title of this set is:

2. Next, go to the reference biography area. Locate the set of books with the call number Ref.
   
   Biog.
   CT
   100
   C8

   The title of this set is:

3. Locate the index with the call number Ref.
   
   Index/
   Abstr.
   AI
   3
   R4

   The title of this index is:
Dictionaries are books which contain lists of words in alphabetical order. The definitions of these words are given, as well as how they are pronounced. Some dictionaries may show how words are used in speech or writing and how the word came from other languages into our language. They also may trace the changes in the meaning of a word from the way it was used centuries ago to the way it is used now.

Large dictionaries which try to include every word in the language are called unabridged dictionaries, while the smaller, abridged ones try to limit themselves to the more commonly used words.

UNABRIDGED DICTIONARIES (kept on tops of reference counters)

*Webster's New Universal Unabridged Dictionary*, second edition

*Random House Dictionary of the English Language*

*Webster's New International Dictionary of the English Language*, second edition

*Webster's Third New International Dictionary*, third edition

*Oxford English Dictionary*

A dictionary of special interest is the *Oxford English Dictionary* (often called the "OED", a thirteen-volume set (Ref. PE 1625 N53 1933) ;Shelving Section 133). The goal of the OED is to include entries on every word in English used from 1160 on. It gives meanings, spellings, pronunciation, derivation, etc., but is especially strong in its historical tracing of each word in the language. It also gives the dates of the first recorded uses of particular meanings of words, with quotations illustrating these meanings.

SPECIALIZED SUBJECT DICTIONARIES

The Reference Collection also contains many subject-specific dictionaries. These dictionaries contain definitions for words and phrases used in specialized areas. Some examples are listed below. Ask the reference librarian for dictionaries in other subject areas.

*Encyclopedic Dictionary of Psychology* (Ref. BF 31 E555 1983) (Shelving Section 125)

*Dictionary of Education* (Ref. LB 15 R64 1982) (Shelving Section 132)
FOREIGN-LANGUAGE DICTIONARIES

There are two primary types of foreign-language dictionaries. First, there is the dictionary written entirely in one language for people who speak the language; these can be of any size, variety, or complexity, abridged or unabridged. Second is the English to foreign-language/foreign-language to English dictionary, of use primarily to the student of the language. These dictionaries, too, can vary in scope and complexity, but as a rule are less apt than the first kind to give the special nuances and idioms of the language.

Following is a list of foreign-language dictionaries giving their general reference call number. These call numbers are located on Shelving Sections 132, 133, and 134.

<table>
<thead>
<tr>
<th>CALL NUMBER</th>
<th>LANGUAGE</th>
<th>CALL NUMBER</th>
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<td>Japanese</td>
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<td>Ref. PL 1736</td>
<td>Cantonese</td>
<td>Ref. PL 937</td>
<td>Korean</td>
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<td>Ref. PL 1736</td>
<td>Chinese</td>
<td>Ref. PK 6906</td>
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<td>Ref. PL 4251</td>
<td>Lao</td>
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<tr>
<td>Ref. PM 1023</td>
<td>Dakota (Sioux)</td>
<td>Ref. PA 2365</td>
<td>Latin</td>
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<td>Danish</td>
<td>Ref. PL 5125</td>
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<td>Ref. PE 1628</td>
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<td>Ref. PD 2691</td>
<td>Norwegian</td>
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<tr>
<td>Ref. PE 279</td>
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<td>Ref. PK 6379</td>
<td>Persian</td>
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<td>Ref. PE 679</td>
<td>Middle English</td>
<td>Ref. PG 6640</td>
<td>Polish</td>
</tr>
<tr>
<td>Ref. PE 279</td>
<td>Old English</td>
<td>Ref. PC 5333</td>
<td>Portuguese</td>
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<td>Ref. PE 1625</td>
<td>Oxford English</td>
<td>Ref. PC 779</td>
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<td>Ref. PH 279</td>
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<td>Ref. PC 2640</td>
<td>Russian</td>
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<td>French</td>
<td>Ref. PK 933</td>
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<td>Ref. PC 2815</td>
<td>Old French</td>
<td>Ref. PG 1376</td>
<td>Serbo-Croatian</td>
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<td>Ref. PF 3640</td>
<td>German</td>
<td>Ref. PM 1023</td>
<td>Sioux</td>
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<td>Gothic (Biblical)</td>
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<td>Greek</td>
<td>Ref. PC 4829</td>
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<td>Ref. PL 6446</td>
<td>Hawaiian</td>
<td>Ref. PL 8703</td>
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<td>Ref. PL 191</td>
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<td>Ref. PD 2437</td>
<td>Icelandic</td>
<td>Ref. PG 3991</td>
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<td>Ref. PL 5076</td>
<td>Indonesian</td>
<td>Ref. PL 4376</td>
<td>Vietnamese</td>
</tr>
<tr>
<td>Ref. PB 1291</td>
<td>Irish</td>
<td>Ref. PJ 5117</td>
<td>Yiddish</td>
</tr>
</tbody>
</table>
WORKSHEET NINE
DICTIONARIES

1. Locate a general unabridged dictionary. Look up education or an education-related term. Provide the following:

Dictionary you used:

Term looked up:

Definition:

2. Look up education or an education-related term in a specialized dictionary. Use any of the dictionaries listed or locate another. Provide the following:

Dictionary you used:

Call number:

Term looked up:

Definition:
A general encyclopedia is often the best place to start research on a subject. Each article is written by a specialist in the field and provides a comprehensive introduction to the subject; it usually summarizes and synthesizes information from a variety of sources and provides a selective bibliography for further reading. These articles are helpful for getting a broad overview of a subject before starting research on one aspect of it, or for checking on an unfamiliar item that comes up in the course of your research (for example, a passing reference to someone apparently important, whom the author does not discuss in detail because he assumes you will recognize the name). Most encyclopedias contain many short articles in alphabetical order, so that it is necessary to consult the index in order to find all the articles relating to a given subject.

**Encyclopaedia Britannica** (Ref. AE 5 E363 1982) (Shelving Section 124)
This is the most famous encyclopedia in English. Originally published in Great Britain, it has been published in the United States for many years. The set still reflects its British origins in spelling, in some headings, and in the lengthy treatment of many British topics. Beginning with the 15th edition (1974), the Encyclopaedia Britannica is divided into three sections: 1) the "Propaedia", a one-volume outline of knowledge and guide to the Britannica; 2) the "Micropaedia", ten volumes (indicated by Roman numerals) which contain a large number of short articles on very specific subjects; and 3) the "Macropaedia", nineteen volumes (indicated by Arabic numerals) which contain long articles on broad topics. There is no index volume as such, since the "Micropaedia" contains both cross-references for its own use and references (with volume and page numbers) to the longer articles in the "Macropaedia". (If there is a long article by the same title, its volume and page numbers will be given at the beginning of the short article.) Always begin by looking in the "Micropaedia".

Other general English-language encyclopedias include:

**Collier's Encyclopedia** 24 volumes (Ref. AE 5 C683) (Shelving Section 124)

**Encyclopedia Americana** 30 volumes (Ref. AE 5 E333) (Shelving Section 124)

**World Book Encyclopedia** 22 volumes (Ref. AE 5 W55) (Shelving Section 124)
SUBJECT ENCYCLOPEDIAS

In addition to general encyclopedias which cover the whole field of knowledge, there are many encyclopedias which concentrate on specific subject fields, disciplines, countries, religions, etc. The articles in these are more detailed and are apt to be much more exhaustive than those in general encyclopedias.

Examples of these are:

**Encyclopedia of Educational Research** 4 volumes (Ref. LB 15 E48 1982) (Shelving Section 132)

**International Encyclopedia of Higher Education** 10 volumes (Ref. LB 15 I57 1978) (Shelving Section 132)

**Dictionary of American History** 8 volumes (Ref. E 174 D52 1976) (Shelving Section 126)

**Encyclopedia of Horticulture** 10 volumes (Ref. SB 317.58 E94) (Shelving Section 134)

**Encyclopedia of Philosophy** 8 volumes (Ref. B 41 E5) (Shelving Section 125)

**International Encyclopedia of Psychiatry, Psychology, Psychoanalysis and Neurology** 12 volumes (Ref. RC 344 I57) (Shelving Section 134)

**International Encyclopedia of the Social Sciences** 17 volumes (Ref. B 41 I5) (Shelving Section 126)

**McGraw-Hill Dictionary of Art** 5 volumes (Ref. N 33 M23) (Shelving Section 132)

**McGraw-Hill Encyclopedia of Science and Technology** 15 volumes (Ref. Q 121 M3 1982) (Shelving Section 134)

**New Catholic Encyclopedia** 17 volumes (Ref. BX 841 N44 1967) (Shelving Section 125)

**New Grove Dictionary of Music and Musicians** 20 volumes (Ref. ML 100 N48) (Shelving Section 132)
1. Look up education or an education-related subject in a general encyclopedia.

Encyclopedia used:

Type of information found:

2. Look up education or an education-related subject in a specialized subject encyclopedia.

Encyclopedia used:

Type of information found:
Almanacs are annual volumes of current and retrospective information, facts, and statistics. While almanacs are best used to answer simple questions of current or historical fact, the variety and diversity of information included are truly wondrous. They contain minutely specific factual data about categories of information (presidents, rivers, population, awards, religion, holidays, income, railroads, mathematics, home runs, etc.) reaching back over many years.

ALWAYS consult the index when using an almanac, otherwise you will lose much valuable time. Do not confuse the index with the table of contents. Some almanacs have the index in the front, some in the back of the volume.

The two most popular and best known general almanacs are:

**Information Please Almanac** (Ref. AY 64 I55) (Shelving Section 125)

**World Almanac** (Ref. AY 67 N5 W7) (Shelving Section 125)

Two almanacs which contain only statistics are:

**Statistical Abstract of the United States** (Ref. HA 202) (Shelving Section 126; second copy at Reference Desk)

This almanac is the standard summary of statistics on the social, political, and economic organization of the United States. It is designed to serve as a convenient volume for statistical reference and as a guide to other statistical publications and sources. It includes a selection of data from many governmental and private statistical publications.

**Statistical Abstract of North Dakota** (Ref. HA 562 U54) (Shelving Section 126; second copy at Reference Desk)

Published every several years, this almanac is intended to serve as a guide to basic data sources concerning North Dakota's people, environment, and economy.
Locate an almanac listed in your workbook. Locate the index and look up a statistic for education. Fill in the information below.

Almanac used:

Subject from index:

Page the information is located on:

An interesting statistic found:
TWELVE
BIOGRAPHIES

Libraries receive many requests for biographical information. It is extremely important to learn about particular sources of information about people in addition to the encyclopedias, dictionaries, periodical indexes, almanacs, and other general reference sources mentioned in this book. It is also important to remember that book-length biographies can be found in the online catalog by searching the name of the person.

There are many general biographical dictionaries whose articles vary in length from a brief sentence or two to several pages. These are usually arranged in straight alphabetical order, the only problems being spellings of names (e.g., Olson, Olsen; Tolstoi, Tolstcy), and treatment of pseudonyms, titles, etc. Users of biographical sources must be aware that "facts" vary widely from one source to another owing sometimes to authors or editors, in other cases because biographees are not necessarily consistent (or truthful) in their relating of facts to biographers, in still other instances because many "facts" are a matter of interpretation or opinion. For whatever reason, it is always best to check in several sources.

SOME EXAMPLES OF GENERAL BIOGRAPHICAL SOURCES

Biography Index (Ref. Biog. Z 5301 B5) (Shelving Section 124)
A cumulative index to biographical material in magazines and books. This index is arranged by name and has an index to occupations in the back of each volume.

Webster's Biographical Dictionary (Ref. Biog. CT 103 W4 1976)
(Shelving Section 122)

Other biographical sources cover prominent people from a particular country, region, or subject field. Glance at the titles in the Reference Biography section.

EXAMPLES OF NATIONAL BIOGRAPHICAL DICTIONARIES (for living people)

Who's Who (British) (Ref. Biog. DA 28 W6) (Shelving Section 122)

Who's Who in America (Ref. Biog. E 176 W6) (Shelving Section 123)

Who's Who in the Midwest (Ref. Biog. E 747 W63) (Shelving Section 123)

Who's Who in the West (Ref. Biog. F 595 W64) (Shelving Section 123)
EXAMPLES OF NATIONAL BIOGRAPHICAL DICTIONARIES (for people no longer living)

Dictionary of National Biography (British only) (Ref. Biog DA 28 D485x) (Shelving Section 122)


Who Was Who in America (Ref. Biog E 176 W64) (Shelving Section 123)

EXAMPLES OF SPECIALIZED BIOGRAPHICAL SOURCES

Biographical Directory of the American Congress (Ref. Biog. JK 1010 A5 1971) (Shelving Section 123)

Contemporary Authors (Ref. Biog. Z 1224 C6) (Shelving Section 124)

World Who's Who in Science (Ref. Biog. Q 141 W7) (Shelving Section 124)

Biography and Genealogy Master Index
A very useful source for locating biographical information is the Biography and Genealogy Master Index (Ref. Biog. CT 214 B57 1980) (Shelving Section 122). This eight-volume set and supplements index over 350 biographical dictionaries and encyclopedias. Entries are listed under names, followed by years of birth and/or death and codes indicating in which biographical source information about an individual may be located.
Go to the Biography Index (Ref. Biog. Z 5301 B5) (Shelving Section 124). Locate the INDEX TO PROFESSIONS AND OCCUPATIONS in the back of one of the volumes. Find the list for Educators, or use the list for one of the related "See also" professions. Choose a name from the list.

Name chosen:

Now look in the front part of the book under the person's name. Select an entry under the name and copy the information below.
Encyclopedias, yearbooks, almanacs, and other reference works give you condensed information on almost every subject. But much additional information, discussion, and opinion on these same subjects can be found in the thousands of periodicals* published in this country and elsewhere. Study of a topic is seldom complete until periodical articles as well as books have been investigated.

Indexes to periodical literature usually give a complete reference to periodical articles, including author, title of the article, title of the periodical in which the article may be found, volume number, pages, date, and additional material.

To find an article in a magazine on the subject of education, look under the subject "Education" in any one of the indexes described below. A typical entry might read:

How we can improve teachers and teaching, W. J. Bennett. 
Education Digest 51:2-5 pp 1

The title of the article is "How we can improve teachers and teaching", it is written by W. J. Bennett, it appeared in Education Digest in volume 51, pages 2 to 5, in the May 1986 issue.

It is important to read the instructions for use and to note the lists of periodicals indexed and their abbreviations in the front of many indexes.

Some of the most widely used indexes are:

**Applied Science and Technology Index** (Ref. Index/Abstr. T 1 17) (Shelving Section 117)  
Indexes by subject more than 320 periodicals in the fields of energy, aeronautics, computer technology, geology, mathematics, mineralogy, petroleum and gas, physics, textiles, manufacturing, engineering, industry, and related subjects.

**Biological and Agricultural Index** (Ref. Index/Abstr. S 1 B64) (Shelving Section 112)  
Indexes by subject more than 200 periodicals in the fields of agriculture, biology, botany, ecology, genetics, horticulture, microbiology, veterinary medicine, zoology, and related subjects.

* While the words "periodical", "magazine", "journal", and "serial" do not have precisely the same meaning, they are used interchangeably in many circumstances
Business Periodicals Index (Ref. Index/Abstr. HF 5001 B983) (Shelving Section 108)
Indexes by subject more than 270 periodicals in the fields of business, management, accounting, computers, banking, marketing, advertising, and related areas.

Cumulative Index to Nursing & Allied Health Literature (CINAHL) (Ref. Index/Abstr. RT 41 C8) (Shelving Section 112)
Indexes approximately 300 nursing, allied health, and health-related journals by subject and author. Also includes pertinent articles from popular journals.

Current Index to Journals in Education (CIJE) (Ref. Index/Abstr. L 11 C8) (Shelving Section 107)
Indexes approximately 780 major education and education-related journals. A separate subject index in the back of each issue gives citations to articles and also refers the user to article summaries in the front of the issue.

Education Index (Ref. Index/Abstr. L 11 E23) (Shelving Section 107)
Indexes more than 240 periodicals in the fields of education. Articles are listed by subject and author.

Humanities Index (Ref. Index/Abstr. AI 3 H85) (Shelving Section 106)
Indexes by subject and author more than 250 periodicals in the fields of folklore, history, language and literature, classical studies, religion, philosophy, performing arts, and related subjects.

Physical Education Index (Ref. Index/Abstr. GV 201 P49) (Shelving Section 108)
Indexes by subject nearly 100 periodicals in the fields of dance, health, physical education, physical therapy, recreation, sports, and sports medicine.

Reader's Guide to Periodical Literature (Ref. Index/Abstr. AI 3 R4) (Shelving Section 106)
Indexes more than 180 periodicals of general interest published in the United States. Articles are listed under subject and author.

Social Sciences Index (Ref. Index/Abstr. AI 3 S62) (Shelving Section 107)
Indexes by subject and author more than 260 periodicals in the fields of anthropology, economics, geography, law, criminology, political science, psychology, sociology, and related subjects.

In addition to these basic indexes, many other specialized indexes and abstracting services are located in the Reference room. Ask a librarian at the Reference desk for assistance in locating and using them.

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WORKSHEET THIRTEEN
PERIODICAL INDEXES

Choose a topic. Find two articles in the Readers' Guide to Periodical Literature that would be useful for researching your topic. Supply the following information:

Topic:

1. Subject heading:
   Title of article:
   Author (if given):
   Full title of periodical (check the abbreviations page at the front of the index):
   Volume and date:
   Page numbers:

2. Subject heading:
   Title of article:
   Author (if given):
   Full title of periodical:
   Volume and date:
   Page numbers:

Subjects covered in the Readers' Guide can be investigated in further depth by using more specialized indexes. Identify the field to which your subject belongs (agriculture, history, music, art, science, law, education, etc), then select an appropriate index from the list on the previous pages of your workbook or ask at the Reference Desk for assistance. Supply the following information for two articles found in specialized indexes:
3. Index used:
   Subject heading:
   Title of article:

   Author (if given):
   Full title of periodical:
   Volume and date:
   Page numbers:

4. Index used:
   Subject heading:
   Title of article:

   Author (if given):
   Full title of periodical:
   Volume and date:
   Page numbers:
The Library currently subscribes to more than 2400 periodicals. Like the book collection, the periodicals represent all the major subject areas. In addition to the paper copies, the Library also receives close to 1000 periodical titles on microfiche (4x6-inch flat pieces of film).

Periodicals are shelved on the lower levels in call number order. Microfiche issues are filed in call number order in cabinets in the Microforms area of the lower level. Also in this area are microfiche readers and printers. Directions for their use are posted, but if you have any difficulties, ask the person at the Periodicals/Microforms Desk for assistance.

Call numbers are obtained by checking the Tri-College Union List of Serials under the name of the periodical. See the example below for information contained in the Union List. Many copies of the Tri-College Union List of Serials computer print-out are kept on the tops of the counters in the reference room and in the periodicals area on the lower level. The Tri-College Union List of Serials also lists periodicals received by Moorhead State University, Concordia College, and Fargo-Moorhead public and hospital libraries.

Some periodicals are also listed in the Online Catalog. By the end of 1989, all periodical titles will be listed in the Online Catalog.

In the example below, locate the following:

1. title of periodical
2. NDSU call number
3. issues at NDSU (paper and microfiche)
4. other Fargo-Moorhead libraries which also have the periodical

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**NOVEL: A FORUM ON FICTION**

<table>
<thead>
<tr>
<th>NDSU CALL. NUMBER:</th>
<th>809.305/N857/PERS</th>
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<tbody>
<tr>
<td>CURRENT AND PREVIOUS 3 YEARS ALSO ON PAPER- V. 13- {FALL 1978-} ON MICROFICHE</td>
<td></td>
</tr>
<tr>
<td>MSU:</td>
<td>V. 1-10 (1967-77)</td>
</tr>
<tr>
<td>CC:</td>
<td>V. 1- 1967-</td>
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</tbody>
</table>

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WORKSHEET FOURTEEN
LOCATING PERIODICALS

For the periodicals found on the previous worksheet, look up the call numbers in the Tri-College Union List of Serials. Fill in the following information. (If the periodical is not in the Union List, write "Not in List").

1. Periodical Title:
   
   NDSU Call Number:
   
   What Year Did NDSU Begin Receiving this Periodical?
   
   Is This Periodical on Microfiche?
   
   Other Libraries Which Receive this Periodical:

2. Periodical Title:
   
   NDSU Call Number:
   
   What Year Did NDSU Begin Receiving this Periodical?
   
   Is This Periodical on Microfiche?
   
   Other Libraries Which Receive this Periodical:

3. Periodical Title:
   
   NDSU Call Number:
   
   What Year Did NDSU Begin Receiving this Periodical?
   
   Is This Periodical on Microfiche?
   
   Other Libraries Which Receive this Periodical:

61
4. Periodical Title:

NDSU Call Number:

What Year Did NDSU Begin Receiving this Periodical?

Is This Periodical on Microfiche?

Other Libraries Which Receive this Periodical:
NEWSPAPER INDEXES

The Library has indexes to several newspapers. These are useful not only for finding a particular article in that paper, but also for pinpointing the date an event happened. Once the date is known, information in other papers often can be located. The Library keeps several newspapers on microfilm; for example, the New York Times is on microfilm back to 1962 and the Fargo Forum is on microfilm back to 1891.

Two newspaper indexes are:

New York Times Index (Ref. Index/Abstr. AI 21 N44) (Shelving Section 107)
A subject index giving exact references to date, page, and column of the article in the New York Times. Articles under each subject are in order by date.

Forum Index (Fargo-Moorhead) (located on top of Shelving Section 106)
A subject and name index giving references to date and page articles in the Forum. Contains area news only, back to 1976. Articles under each subject are in order by date.
EDUCATION
Consultant Geraldine Kosberg urges community involvement 02/07/82: C-11
NDEA asks extra school aid from oil, gas leases 02/10/82:13
Education chief, Joseph Crawford, cuts staff employees* 03/04/82:1
West Fargo bond issue outlined 03/15/82: A-8
Crawford comments raise teachers' ire 04/01/82: B-1
Tanzania draws aid from education program 'Bootstrap' 05/09/82: B-9
Fargo schools get top grades 05/12/82: A-9

In this example, the subject is "Education". The first article is from the February 7, 1982 issue. The article is on page C-11.

CURRENT EVENTS REFERENCE SOURCES

Although not indexes to a newspaper, good sources of information on current events and issues are:

Facts on File (Ref. D 410 F29x) (Shelving Section 126)
Briefly summarizes national and international news events; issued weekly with cumulative indexing; set in three columns per page with each page divided into seven sections (by letters); index refers to the date, the column, and the section (e.g., 76 B 1 means page 76, Section B, column 1).

Editorials on File (Ref. D 839 E3) (Shelving Section 126)
Reprints editorials from various national newspapers; issued biweekly with cumulative indexes.

Editorial Research Reports (Ref. H 35 E35) (Shelving Section 126)
Weekly issues treat a subject currently in the news or likely to be in the near future. Each report contains a discussion of the importance and major issues of the subject, the background and history, and the possible and likely future developments. Weekly issues are combined into annual volumes. A subject and title index to the previous fifteen years is in each annual edition.
1. Find an article or news story relating to an education topic in one of the newspaper indexes. Supply the following information:

   Index used:

   Subject heading:

   Headline or brief description of article:

   Date of newspaper:

   Page and section:

   Column (if given):

2. Use one of the current events reference sources listed in your workbook. Locate an entry or report relating to education. Fill in the following.

   Source you used:

   Year:

   Subject you looked under:

   What you found:
Resources in Education (RIE) (Ref. Index/Abstr. LB 1028 R4) (Shelving Section 107) is a monthly abstract journal announcing recent report literature related to the field of education. It is commonly referred to as "ERIC" since it is compiled by the Educational Resources Information Center (ERIC), a nationwide information network for acquiring, abstracting, indexing, and storing education-related reports. Resources in Education does not include periodical articles. Reports are published on microfiche. Complete sets of fiche are located at the Moorhead State University Library and the University of North Dakota Library. You may borrow the fiche through Interlibrary Loan; just request them by number.

Resources in Education is organized in two sections—the abstracts section in the front of each monthly issue, and the indexes in the back section. Annual editions contain the abstracts and indexes in separate volumes.

To use Resources in Education, consult the indexes first. For example, for reports on high school students, look in the subject index under High School Students.

Select the report you are interested in. Copy the ED number located at the end of each title. Locate the ED number in the abstracts section of Resources in Education. You will find the author, title, and sponsoring agency or source for the publication. You will also find an abstract—or summary—of the publication.

ED 273 987
Harman, Mark J., Gideon, Gordon
Academic Success and Participation in High School Extracurricular Activities Is There a Relationship?
Pub Date—Aug 86
Pub Type—Reports—Research (143) — Speeches-/Meeting Papers (150)
EDRS Price—MF01/001 Plus Postage.
Descriptors—Academic Achievement, College Students, Extracurricular Activities, Higher Education, High Schools, High School Students, Student Participation
School boards across the nation faced with funding constraints have addressed the possibility of reducing or eliminating extracurricular activities from school curriculums. However, it would be a mistake to discourage funding if extracurricular experiences significantly enhance this study attempted to determine the relationship between -
Use *Resources in Education* to locate a report on a topic of interest to you. Provide the following information.

**Year of Resources in Education you used:**

**Subject you looked under:**

**ED Number for the report you chose:**

**Author(s):**

**Title:**

**Publication date of report:**
When specific books or periodical articles are not owned by the NDSU Library, they may be obtained through Interlibrary Loan. Materials may be requested from other libraries in Fargo-Moorhead, North Dakota, and Minnesota.

The Interlibrary Loan Department cannot guarantee the time it takes for materials to arrive, but the following timetable can serve as a reasonable guideline:

- Tri-College request—usually two working days
- North Dakota libraries—usually one week
- Minnesota libraries—within two weeks

When you need to obtain materials through Interlibrary Loan, fill out an Interlibrary Loan request card (example on following page), available at the Reference Desk or Interlibrary Loan Desk. Be sure to give as much information as possible. It is also important to include your barcode number from your Library ID. Turn in the filled-out card at the Interlibrary Loan desk.
Fill in the sample Interlibrary Loan form below; choose either the information for the periodical article or the book. (Do not turn this sample in to Interlibrary Loan.)

**Article:**

Computerizing America's campuses: how technology is changing higher education. L. H. Flett. In Electronic Libraries. 618-23 Mr '77

**Book:**

Screen 001 of 001. Record 0001 of 0001 TRM

AUTH: Fedewa, Lawrence J.

TITLE: Do computers help teachers teach? / Lawrence J. Fedewa.


SER: Search

SUBJ: Computer-assisted instruction.

--- Type DS to Display item availability Status

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</table>

**NDSU INTERLIBRARY LOAN REQUEST**

DATE __________

ONE REQUEST PER FORM. Write Clearly. Use ink

**Patron**

Bar Code 2019000 ______

Faculty [ ]  Staff [ ]  Grad [ ]  Undergrad [ ]  NON NDSU [ ]

Address or Dept. ______________________ Phone ______________________

Will pickup [ ]  Send Campus Mail (Photocopies only) [ ]  Not Needed After ____________

**BOOK**

Author ________________________________

Title ________________________________

Place __________________ Publisher _____________ Date __________

Source of Information (online, catalog, etc.) ________________________________

**PERIODICAL**

Name of Periodical ________________________________

Rec'd ____________

Vol & issue ________________________________ Da'e ____________ Page Nos. ____________

Due ____________

Author of Article ________________________________

Ret'd ____________

Title of Article ________________________________

Chgs ____________

Source of Information (Psychological Abstract, etc.): ________________________________

If you wish to continue this search beyond the TRI-STATE Region, you will be responsible for charges incurred. Please indicate whom to bill and dollar limit.

Department [ ]  Bill Me, Social Security# ____________ Limit $ ____________

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READ REVERSE SIDE

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Our goals throughout this workbook have been to help you learn something about the library resources available to you on campus, how best to avail yourself of these resources, and above all to help you to be comfortable and at ease in the NDSU Library. While this is the end of this workbook, it is only the beginning of your association with the Library. You have learned where we are and something about what we are and what we have to offer. There is much more, however, and it is important for you to know that we can assist in ways that may not have been indicated in this relatively short book; check with us, for example, if you have any problems with your term papers.

We're here to help, so keep us in mind. Good luck!